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Attorney Docket No.: 873.0130.U1(US)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

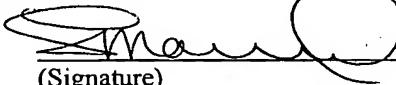
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Commissioner For Patents
Mail Stop: NEW PATENT APPLICATION
P.O. Box 1450
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NEW APPLICATION TRANSMITTAL FORM

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): **Mohammad Jaber BORRAN, Prabodh VARSHNEY and Jorma LILLEBERG**

For (title): **MULTIPLE-ANTENNA PARTIALLY COHERENT
CONSTELLATIONS FOR MULTI-CARRIER SYSTEMS.**

Enclosed are the following:

- Application Cover Page
- 24 pages of Specification that consists of, 17 pages of Description, 6 pages of Claims and 1 page of Abstract;
- 5 sheets of drawings;
- Inventor(s) Declaration;
- Preliminary Amendment;
- Priority is hereby claimed from:
Patent Application Number filed on ;
- Certified Copy of priority document(s);
- English language translation of priority document;
- Application Data Sheet;
- Information Disclosure Statement and/or Form PTO 1449 and cited non-U.S. art (if applicable);
- Assignment and Recordation Form Cover Sheet;
- Return Receipt Postcard;
- Other:

Assignment Data

An assignment of the invention to **Nokia Corporation**
 is attached.
 will follow.

Small Entity Status

Applicant claims small entity status.

Fees

Design Patent Application \$ 340.00

Utility Patent Application

	Number Filed	Number Extra	Rate	Basic Fee
				\$ 770.00

Total Claims 24 -20 = 4 x \$ 18.00 \$ 72.00

Independent Claims 5 - 3 = 2 x \$ 86.00 \$ 172.00

Assignment Recordal 1 x \$ 40.00 \$

TOTAL FEES **\$ 1,014.00**

A check in the amount of **\$1,014.00** in payment of the filing fee is enclosed.
 Charge \$ to Deposit Account No. 50-1924
 The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required for this communication or during the entire pendency of this patent application, or credit any overpayment, to Deposit Account No. 50-1924.

Correspondence

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October 31, 2003
Date


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